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STEEL PLANTS PUSH NEW CONSTRUCTION

ZESTAFONI FERROALLOY PLANT USES NEW METHOD -- Zarya Vostoka, No 198, 3 Oct 48

Savings accumulated by the Zestafoni Ferroalloy Plant imeni L. Beriya during the first 8 months of 1948 amounted to 2,441,000 rubles, 5,497,000 kilowatt hours of electric power, and 3,500 tons of manganese ore. The plant is making extensive use of waste materials, especially slag. For example, the extraction of one ton molybdenum from slag yields around 30,000 rubles of profit. In extracting manganese-silicon, the plant uses slag remaining after the melting of ferromanganese in place of manganese ore.

Formerly, each ton of manganese-silicon required up to 2-tons of manganese ore; at present, however, not one kilogram of ore is used, and the quality of the manganese-silicon obtained is better than that extracted from ore. Cost of production of manganese-silicon during August was lowered 38.2 percent against the plan. The plant has been entirely converted to the new type of production of ferromanganese and manganese-silicon, as suggested by engineers I. Lordkipanidze, D. Chikashua, and G. Shatirishvili.

METAL PLANTS GET NEW EQUIPMENT -- Pravda Ukrainy, No 253, 24 Oct 48

The rolling mill of the "Azovstal'" Plant imeni Ordzhonikidze was completed 23 October 1948. Opening ceremonies were attended by Dotsenko, chief of the Assembly Administration of the Ministry of Heavy Machine Building, A. I. Truyev, secretary of the Stalino Oblast Committee of KP(b) Ukrainian SSR, and others.

The rolling mill, scheduled to begin full-capacity production by the end of 1948, includes soaking pits, a blooming mill, a storehouse for blooms, and a rail-structural mill. The shop has a total length of more than one kilometer, covers an area of more than 10 hectares, and has a capacity of nearly 2 million cubic meters. Six and one-half kilometers of tunnels, at a depth of up to 9½ meters, have been laid from the blast furnace to the rolling shop and extends throughout the area in various directions. The shop will require 10 times the amount of water supplied to a populated area the size of a city such as Mariupol'.

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Auxiliary enterprises of the "Azovstal'stroy" Trust supplied the construction projects with slag blocks, brick, reinforced concrete, fittings, various metal structures, and materials. The Assembly Administration of the "Soyuzprokatmontazh" (All-Union Rolling Mill Assembly) Trust, using experience gained in the construction of the "Zaporozhstal'" Plant, equipped the blooming mill and rolling mills 890 and 813 with complex hydraulic systems, automatic and electric blocking, and automatic lubrications.

All the rolling equipment was assembled in 5 months instead of the usual 10 - 12 months. Reconstruction of the production capacity of the plant has advanced rapidly, with two blast furnaces and six open-hearth furnaces already producing pig iron and steel. Blast furnace No 2 and coke battery No 1 are now being reconstructed. The electric steel-smelting furnace has already been put into operation.

Zarya Vostoka, No 212, 23 Oct 48

Restoration of open-hearth furnace No 4 in the Kramatorsk Metallurgical Plant imeni Kuybyshev has been completed. Drying and testing of the furnace mechanisms are now in progress.

Sovetskaya Litva, No 254, 26 Oct 48

The fifth smelting furnace of the ferroalloy plant in Zaporozh'ye was put into operation 22 October 1948. Reconstruction of the plant is now complete.

Sovetskaya Kirgiziya, No 211, 23 Oct 48

Blast Furnace No 1 in the Krivoy Rog Metallurgical Plant is being restored.

Pravda Ukrainy, No 244, 14 Oct 48

Mill 900, constructed entirely of domestic equipment, has been put into operation in the Nizhniy-Tagil rail-structural shop. The metallurgical cycle in the Novo-Tagil Plant will be complete when Mill 800, now under construction, is finished. Plans call for the assembly of 14,000 tons of rolling equipment, 1,100 motors, and completion of a 5-story building for girder and rail finishing within 3 months.

Zarya Vostoka, No 195, 30 Sep 48

Reconstruction of the Mogilev Pipe Foundry imeni Myasnikov has been completed. The pipe casting, sheet rolling, galvanizing, and machine shops, as well as others, have been put into operation. The enterprise has reached its prewar capacity.

Sovetskaya Latviya, No 253, 24 Oct 48

The "Spetsrabot" (Special Operation) Office of the Riga City Construction Trust has built a new foundry for production of cast iron pipes and fittings. The cupola furnace with a capacity of 3.5 tons per hour was assembled according to Chief Engineer Peysakhovich's plans. The foundry will produce cast iron joints for water mains and heating pipes, T-joints, siphons, furnace floors, pipes, etc.

Kommunist Tadzhikistana, No [illegible], [illegible] Oct 48

A large cupola furnace has been put into operation in the Kanibadam Casting and Machinery Plant. A new smelting furnace installed in the nonferrous casting shop decreased the number of flaws by 2 percent. The machinery shop has started production of machinery used in producing wire, and has pledged to produce by 7 November 100 of these machines instead of the 67 planned.

Kazakhstanskaya Pravda, No 198, 5 Oct 48

In the Kazakhstan Metallurgical Plant in Temir-Tau, the number of buckets on the pouring machines has been increased and the stamping shop has been joined with the open-hearth shop. This has facilitated transferring individuals from one type of work to another.

The highest production level for the present year in steel smelting and in rolled iron was achieved by the plant in September. The plant has fulfilled the production plan for 9 months of 1948 ahead of schedule in all phases of the metallurgical cycle.

Kazakhstanskaya Pravda, No 213, 26 Oct 48

During a period of 9 months and 22 days of 1948, the Temir-Tau Metallurgical Plant has produced twice as much steel and rolled steel as during the same period of 1947.

METAL PLANTS FULFILL PLANS -- Pravda Ukrainy, No 250, 21 Oct 48

The Plant imeni Stalin in Stalino fulfilled the 10-month plan for metallurgical production ahead of schedule. Labor efficiency in the plant exceeded the plan by 11.4 percent.

The Krivoy Rog Iron Ore Basin fulfilled the 10-month plan ahead of schedule. The output of iron ore increased 32 percent in comparison with the same period of 1947.

Pravda Ukrainy, No 259, 31 Oct 48

The Dnepropetrovsk Metallurgical Plant imeni Lenin fulfilled the 11-month plan for all metallurgical products.

The Nikopol' Yuzhno-Trubnyy (Southern Pipe) Plant fulfilled the 11-month plan ahead of schedule.

The steel smelters of the Plant imeni Dzerzhinskiy in Dneprodzerzhinsk fulfilled the 11-month plan on 29 October.

Pravda Ukrainy, No 239, 8 Oct 48

The Nikopol' Yuzhno-Trubnyy Plant completed the 10-month plan on 7 October. Over a period of 9 months, the plant has saved the government more than 8 million rubles by lowering production costs.

Pravda Ukrainy, No 245, 15 Oct 48

The Metallurgical Plant imeni Petrovskiy in Dnepropetrovsk Oblast completed the 10-month plan for the entire metallurgical cycle on 14 October and has realized more than 15 million rubles in savings above the plan.

Pravda Ukrainy, No 237, 6 Oct 48

Metallurgical workers of the Plant imeni Lenin in Dnepropetrovsk completed the 10-month plan for the whole metallurgical cycle ahead of schedule. Workers in the electrical pipe welding shop completed the annual plan.

Pravda Ukrainy, No 252, 23 Oct 48

Workers of Khartsyzsk Pipe Foundry were the first among metallurgical enterprises of Ukrainian SSR to fulfill the year production plan. In comparison with 1947 the output of pipe increased more than 50 percent.

Pravda Vostoka, No 199, 6 Oct 48

The Begovat Metallurgical Plant completed the 9-month plan for production of rolled steel 2 days ahead of schedule, and completed the 9-month plan for the entire metallurgical cycle on 30 September.

Sovetskaya Estoniya, No 232, 30 Sep 48

The "Pioner" Cast-Iron Foundry fulfilled the 11-month plan for cast iron production and the 11-month gross-production plan on 25 September 1948.

To date in 1948, cast iron production is 50 percent greater, and production of enamelware 200 percent greater than during the same period of 1947.

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